What is claimed is:

1. A plow vehicle comprising:

a frame;

a plow;

a lifting cylinder pivotally connected to the plow for lifting the plow with respect to the frame;

a rolling cylinder pivotally connected to the plow for tilting the plow with respect to the frame; and

a bracket pivotally connected to the frame,

wherein the lifting cylinder is fixedly connected to the bracket and the rolling cylinder is pivotally connected to the bracket.

2. The plow vehicle of claim 1, further comprising a rigid arm pivotally connected to the plow and pivotally connected to the frame.

3. The plow vehicle of claim 2, wherein the lifting cylinder is pivotally connected to the rigid arm.

4. A plow vehicle comprising:

a frame;

a plow;

a lifting cylinder pivotally connected to the plow and pivotally connected to the frame; and

a rolling cylinder connected to the plow at a first end and pivotally connected to the lifting cylinder at a second end,

whereby displacement of the lifting cylinder causes a displacement of the pivotal connection between the rolling cylinder and the lifting cylinder.

5. The plow vehicle of claim 4, wherein the pivotal connection between the lifting cylinder and the rolling cylinder has a pivot axis that coincides with the pivotal connection between the lifting cylinder and the frame.

6. The plow vehicle of claim 4, further comprising a bracket fixedly attached to the lifting cylinder, the bracket including the pivotal connection between the lifting cylinder and the rolling cylinder.

7. The plow vehicle of claim 6, wherein the bracket further comprises the pivotal connection between the lifting cylinder and the frame.

8. The plow vehicle of claim 7, further comprising a rigid arm pivotally connected to the plow and pivotally connected to the frame.

9. The plow vehicle of claim 8, wherein the lifting cylinder is pivotally connected to the rigid arm.

10. A plow vehicle comprising:

a frame;

a plow;

a lifting cylinder pivotally connected to the plow and pivotally connected to the frame; and

a rolling cylinder pivotally connected to the plow at a first end and pivotally connected to the frame at a second end,

whereby displacement of the lifting cylinder causes a displacement of the pivotal connection between the rolling cylinder and the frame.

11. The plow vehicle of claim 10, further comprising a bracket pivotally connected to the frame and fixedly connected to the lifting cylinder.

12. The plow vehicle of claim 11, wherein the bracket is pivotally connected to the rolling cylinder such that movement of the lifting cylinder causes displacement of the pivotal connection between the bracket and the rolling cylinder.

13. The plow vehicle of claim 12, further comprising a rigid arm pivotally connected to the plow and pivotally connected to the frame.

14. The plow vehicle of claim13, wherein the lifting cylinder is pivotally connected to the rigid arm.